

Docket No:  
17770.15

# Declaration and Power of Attorney For Patent Application

## English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**SYNTHETIC ANTIGEN FOR THE DETECTION OF ANTIBODIES IMMUNOREACTIVE WITH HIV VIRUS**

the specification of which

(check one)

is attached hereto.

was filed on 1 August 1997 as United States Application No. or PCT International Application Number 08/904826  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112. I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

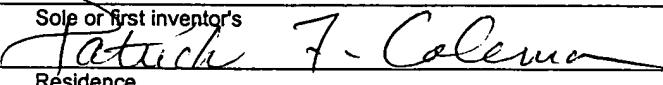
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

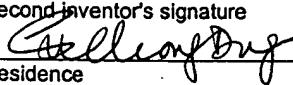
**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

James R. Haller, 24,906  
 Gregory P. Kaihori, 30,952  
 Edward S. Hotchkiss, 33,904  
 David C. West, 35,735  
 Philip M. Goldman, 31,162  
 Mary P. Bauman of Sanofi, Inc., 31,926

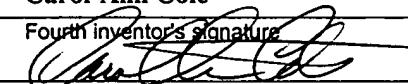
Send Correspondence to: **James R. Haller**  
**Fredrikson & Byron, P.A.**  
**1100 International Centre, 900 Second Avenue South**  
**Minneapolis, MN 55402**

Direct Telephone Calls to: *(name and telephone number)*  
**James R. Haller (612) 347-7017**

Full name of sole or first inventor <b>Patrick F. Coleman</b>	Date
Sole or first inventor's 	<i>10/6/97</i>
Résidence <b>17211 77th Avenue West, Edmonds, WA 98026</b>	
Citizenship <b>USA</b>	
Post Office Address <b>17211 77th Avenue West, Edmonds, WA 98026</b>	

Full name of second inventor, if any <b>Peter Chong-Dug Su</b>	Date
Second inventor's signature 	<i>10/6/97</i>
Residence <b>6001 84th Avenue SE, Mercer Island, WA 98040</b>	
Citizenship <b>USA</b>	
Post Office Address <b>6001 84th Avenue SE, Mercer Island, WA 98040</b>	

Full name of third inventor, if any <b>Nobuo Monji</b>	
Third inventor's signature 	Date <b>10/6/97</b>
Residence <b>3545 NE 98th Street, Seattle, WA 98115</b>	
Citizenship <b>USA</b>	
Post Office Address <b>3545 NE 98th Street, Seattle, WA 98115</b>	

Full name of fourth inventor, if any <b>Carol-Ann Cole</b>	
Fourth inventor's signature 	Date <b>10/6/97</b>
Residence <b>1116 18th Avenue East, Seattle, WA 98112</b>	
Citizenship <b>USA</b>	
Post Office Address <b>1116 18th Avenue East, Seattle, WA 98112</b>	

Full name of fifth inventor, if any	
Fifth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Honorable Commissioner of Patents and Trademarks, Washington, D. C. 20231 on 198/99

TOWNSEND and TOWNSEND and CREW LLP

By Alexene C. Mauley

Patent  
Docket No. 9197-008800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of )  
PATRICK F. COLEMAN et al. )  
Serial No: 08/904,826 )  
Filed: August 1, 1997 )  
For: SYNTHETIC ANTIGEN FOR THE )  
DETECTION OF ANTIBODIES )  
IMMUNOREACTIVE WITH HIV )  
VIRUS )  
 )  
Examiner: R. Budens  
Art Unit No: 1648  
REVOCATION AND SUBSTITUTION  
OF POWER OF ATTORNEY  
UNDER 37 CFR §1.36

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.36, THE UNDERSIGNED, Assignee, revokes all previous powers of attorney and hereby appoints STEVEN W. PARMELEE, Reg. No. 31,990; BRIAN W. POOR, Reg. No. 32,928 and JEFFREY J. KING, Reg. No. 38,515; of the firm of Townsend and Townsend and Crew, LLP to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Please direct all future correspondence regarding the subject application to:

Brian W. Poor  
TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8th Fl.  
San Francisco, California 94111  
(206) 467-9600

GENETIC SYSTEMS CORPORATION

Date: 13 May 1999

By: Mary P. Bauman  
Name: Mary P. Bauman  
Title: Assistant Secretary



EXPRESS MAIL NO. EJ663354743US

UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JANUARY 15, 1998

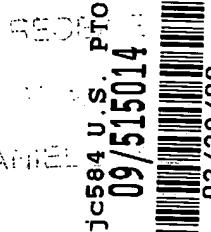
PTAS

JAMES R. HALLER  
1100 INTERNATIONAL CENTRE  
900 SECOND AVENUE SOUTH  
MINNEAPOLIS, MN 55402



\*100585313A\*

Received in the  
Property Department



JAN 23 1998

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

DANIEL



THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/17/1997

REEL/FRAME: 8319/0871  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

COLEMAN, PATRICK F.

DOC DATE: 10/07/1997

ASSIGNOR:

CHONG-DUG SU, PETER

DOC DATE: 10/07/1997

ASSIGNOR:

MONJI, NOBUO

DOC DATE: 10/07/1997

ASSIGNOR:

COLE, CAROL-ANN

DOC DATE: 10/07/1997

ASSIGNEE:

GENETIC SYSTEMS CORPORATION  
6565-185TH AVENUE N.E.  
REDMOND, WASHINGTON 98052

FILING DATE: 08/01/1997  
ISSUE DATE:

SERIAL NUMBER: 08904826  
PATENT NUMBER:

Docketed  
10/27/98  
Remarks  
10/27/98

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

12-05-1997

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
Copyright 1994-97 LegalStar  
P08/REV02

Tab settings ➡ ➡ ➡ ➡ ➡



100585313

Filing No.: 17770.15.0

1 SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

RECEIVED

NOV 17 1997

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Patrick F. Coleman  
17211-77th Avenue West  
Edmonds, Washington 98026

MRD

11-17-97

## 2. Name and address of receiving party(ies):

Name: Genetic Systems Corporation

Internal Address: \_\_\_\_\_

Additional names(s) of conveying party(ies)

 Yes  No

## 3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	

Execution Date: October 7, 1997Street Address: 6565-185th Avenue N.E.

jc584 U.S. PRO  
09/515014  
02/29/00

City: Redmond State: WA ZIP: 98052Additional name(s) & address(es) attached?  Yes  No

## 4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

## B. Patent No.(s)

08/904826Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James R. Haller6. Total number of applications and patents involved: OneInternal Address: 1100 International Centre7. Total fee (37 CFR 3.41): .....\$ 40.00 Enclosed Authorized to be charged to deposit accountStreet Address: 900 Second Avenue South

## 8. Deposit account number:

06-1910City: Minneapolis State: MN ZIP: 55402

08904826  
000000101  
40.00 QP

DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

James R. Haller

Name of Person Signing

Signature

Total number of pages including cover sheet, attachments, and document:

8

Date  
11/11/97  
12/19/97  
101 FCS

Section 1. - Additional names of conveying parties:

**Peter Chong-Dug Su  
6001-84<sup>th</sup> Avenue S.E.  
Mercer Island, Washington 98040**

**Nobuo Monji  
3545 N.E. 98<sup>th</sup> Street  
Seattle, Washington 98115**

**Carol-Ann Cole  
1116-18<sup>th</sup> Avenue East  
Seattle, Washington 98112**

ASSIGNMENT

I, Patrick F. Coleman, a citizen of the United States residing at 17211 77<sup>th</sup> Avenue West, Edmonds, WA 98026, have made an invention relating to SYNTHETIC ANTIGEN FOR THE DETECTION OF ANTIBODIES IMMUNOREACTIVE WITH HIV VIRUS and have executed an application for the United States Letters Patent based thereon and identified by attorney's File No. 17770.15, and naming the following inventors: Patrick F. Coleman, Peter Chong-Dug Su, Nobuo Monji, and Carol-Ann Cole, Application No. 08/904826, filed 1 August 1997.

In exchange for good and valuable consideration of which I now acknowledge, I hereby assign to Genetic Systems Corporation, having its principal place of business at 6565 185<sup>th</sup> Avenue NE, Redmond, WA 98052, its successors and assigns:

- (1) The entire right, title and interest to the above-identified invention and application;
- (2) The entire right, title and interest to any United States or foreign Letters Patents which may issue with respect to the above-identified invention;
- (3) The entire right, title and interest to any renewals, reissues, extensions, substitutions, continuations, continuations-in-part, or divisions that may be filed with respect to the above-identified invention and application; and
- (4) The right to apply for Letters Patents in foreign countries in its own name and to claim any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

I further agree for myself and for my heirs, executors and administrators, to execute and deliver without further consideration any further applications, assignments or other documents and to perform such other lawful acts as Genetic Systems Corporation, its successors and assigns may deem necessary to fully secure, maintain, and enforce its rights, title or interest as outlined herein.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue to Genetic Systems Corporation any Letters Patents which may be granted in accordance with this Assignment.

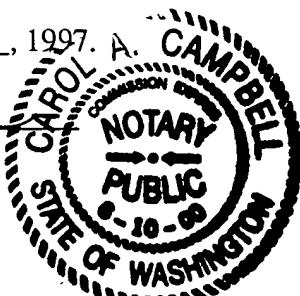
Dated this 7th day of October, 1997.

Patrick F. Coleman  
Patrick F. Coleman

Subscribed and sworn to before me  
this 7th day of October, 1997.

Carol G. Campbell  
Carol G. Campbell

Notary Public



ASSIGNMENT

I, Peter Chong-Dug Su, a citizen of the United States residing at 6001 84<sup>th</sup> Avenue SE, Mercer Island, WA 98040, have made an invention relating to SYNTHETIC ANTIGEN FOR THE DETECTION OF ANTIBODIES IMMUNOREACTIVE WITH HIV VIRUS and have executed an application for the United States Letters Patent based thereon and identified by attorney's File No. 17770.15, and naming the following inventors: Patrick F. Coleman, Peter Chong-Dug Su, Nobuo Monji, and Carol-Ann Cole, Application No. 08/904826, filed 1 August 1997.

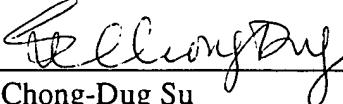
In exchange for good and valuable consideration of which I now acknowledge, I hereby assign to Genetic Systems Corporation, having its principal place of business at 6565 185<sup>th</sup> Avenue NE, Redmond, WA 98052, its successors and assigns:

- (1) The entire right, title and interest to the above-identified invention and application;
- (2) The entire right, title and interest to any United States or foreign Letters Patents which may issue with respect to the above-identified invention;
- (3) The entire right, title and interest to any renewals, reissues, extensions, substitutions, continuations, continuations-in-part, or divisions that may be filed with respect to the above-identified invention and application; and
- (4) The right to apply for Letters Patents in foreign countries in its own name and to claim any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

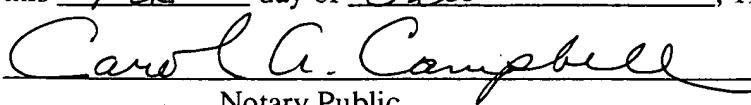
I further agree for myself and for my heirs, executors and administrators, to execute and deliver without further consideration any further applications, assignments or other documents and to perform such other lawful acts as Genetic Systems Corporation, its successors and assigns may deem necessary to fully secure, maintain, and enforce its rights, title or interest as outlined herein.

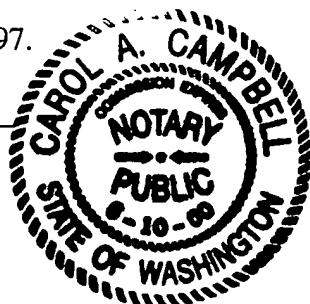
I hereby authorize and request the Commissioner of Patents and Trademarks to issue to Genetic Systems Corporation any Letters Patents which may be granted in accordance with this Assignment.

Dated this 7 day of October, 1997.

  
Peter Chong-Dug Su

Subscribed and sworn to before me  
this 7th day of October, 1997.

  
Carol A. Campbell  
Notary Public



## ASSIGNMENT

I, Nobuo Monji, a citizen of the United States residing at 3545 NE 98<sup>th</sup> Street, Seattle, WA 98115, have made an invention relating to SYNTHETIC ANTIGEN FOR THE DETECTION OF ANTIBODIES IMMUNOREACTIVE WITH HIV VIRUS and have executed an application for the United States Letters Patent based thereon and identified by attorney's File No. 17770.15, and naming the following inventors: Patrick F. Coleman, Peter Chong-Dug Su, Nobuo Monji, and Carol-Ann Cole, Application No. 08/904826, filed 1 August 1997.

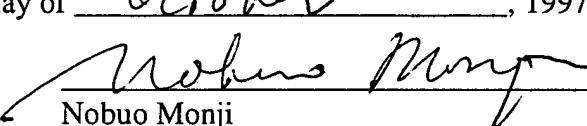
In exchange for good and valuable consideration of which I now acknowledge, I hereby assign to Genetic Systems Corporation, having its principal place of business at 6565 185<sup>th</sup> Avenue NE, Redmond, WA 98052, its successors and assigns:

- (1) The entire right, title and interest to the above-identified invention and application;
- (2) The entire right, title and interest to any United States or foreign Letters Patents which may issue with respect to the above-identified invention;
- (3) The entire right, title and interest to any renewals, reissues, extensions, substitutions, continuations, continuations-in-part, or divisions that may be filed with respect to the above-identified invention and application; and
- (4) The right to apply for Letters Patents in foreign countries in its own name and to claim any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise.

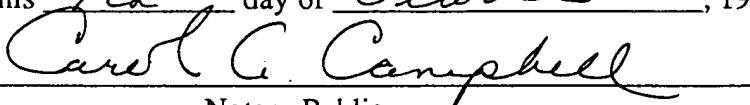
I further agree for myself and for my heirs, executors and administrators, to execute and deliver without further consideration any further applications, assignments or other documents and to perform such other lawful acts as Genetic Systems Corporation, its successors and assigns may deem necessary to fully secure, maintain, and enforce its rights, title or interest as outlined herein.

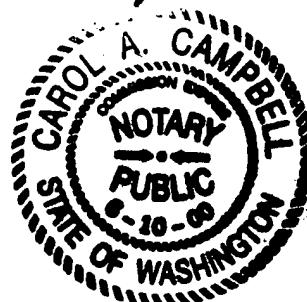
I hereby authorize and request the Commissioner of Patents and Trademarks to issue to Genetic Systems Corporation any Letters Patents which may be granted in accordance with this Assignment.

Dated this 7th day of October, 1997.

  
Nobuo Monji

Subscribed and sworn to before me  
this 7th day of October, 1997.

  
Carol A. Campbell  
Notary Public



## ASSIGNMENT

I, Carol-Ann Cole, a citizen of the United States residing at 1116 18<sup>th</sup> Avenue East, Seattle, WA 98112, have made an invention relating to SYNTHETIC ANTIGEN FOR THE DETECTION OF ANTIBODIES IMMUNOREACTIVE WITH HIV VIRUS and have executed an application for the United States Letters Patent based thereon and identified by attorney's File No. 17770.15, and naming the following inventors: Patrick F. Coleman, Peter Chong-Dug Su, Nobuo Monji, and Carol-Ann Cole, Application No. 08/904826, filed 1 August 1997.

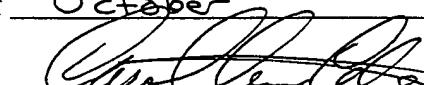
In exchange for good and valuable consideration of which I now acknowledge, I hereby assign to Genetic Systems Corporation, having its principal place of business at 6565 185<sup>th</sup> Avenue NE, Redmond, WA 98052, its successors and assigns:

- (1) The entire right, title and interest to the above-identified invention and application;
- (2) The entire right, title and interest to any United States or foreign Letters Patents which may issue with respect to the above-identified invention;
- (3) The entire right, title and interest to any renewals, reissues, extensions, substitutions, continuations, continuations-in-part, or divisions that may be filed with respect to the above-identified invention and application; and
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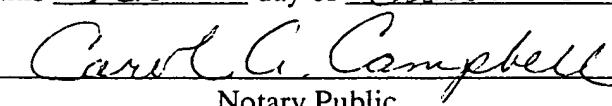
I further agree for myself and for my heirs, executors and administrators, to execute and deliver without further consideration any further applications, assignments or other documents and to perform such other lawful acts as Genetic Systems Corporation, its successors and assigns may deem necessary to fully secure, maintain, and enforce its rights, title or interest as outlined herein.

I hereby authorize and request the Commissioner of Patents and Trademarks to issue to Genetic Systems Corporation any Letters Patents which may be granted in accordance with this Assignment.

Dated this 7<sup>th</sup> day of October, 1997.

  
Carol-Ann Cole

Subscribed and sworn to before me  
this 7th day of October, 1997.

  
Carol A. Campbell  
Notary Public

